



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
POWER OF ATTORNEY

#9/Rev. PA  
Shaw  
2/25/03

Serial No.: Attached Appendix A

Name of Assignee: Shipley Company, L.L.C.  
Address: 455 Forest Street  
Marlborough, MA 01752

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Honorable Sir:

I hereby appoint:

Maria M. Eliseeva	Reg. No. 43,328	David D. Lowry	Reg. No. 38,538
Brian L. Michaelis	Reg. No. 34,221	Joseph P. Quinn	Reg. No. 45,029
Mark S. Leonardo	Reg. No. 41,433	Thomas M. Saunders	Reg. No. 29,585
Peter B. Sorell	Reg. No. 44,349	John C. Serio	Reg. No. 39,023
Mark A. Hofer	Reg. No. 30,068	Steven M. McHugh	Reg. No. 47,784

All of the firm:

Brown Rudnick Berlack Israels LLP.  
One Financial Center  
18<sup>th</sup> Floor  
Boston MA 02111

RECEIVED  
FEB 19 2003  
TECHNOLOGY CENTER 2800

Neils Haun of the law firm of Dann, Dorfman, Herrell & Skillman, Reg. No. 48,488  
Darryl P. Frickey of Shipley Company, L.L.C., Reg. No. 34,603  
Jonathan Baskin of Shipley Company, L.L.C., Reg. No. 39,499  
Matt Cairns of Shipley Company, L.L.C., Reg. No. 42,378  
John Piskorski of Shipley Company, L.L.C., Reg. No. 35,647  
Peter F. Corless of the law firm of Edwards & Angell, LLP, Reg. No. 33,860

as attorneys to prosecute this application, to transact all business in the Patent and Trademark Office connected with the above-referenced patent application. Applicant hereby revokes all previous powers of attorney associated with this application.

Please direct all future correspondence to the principal attorney of record as:

Maria M. Eliseeva  
Brown Rudnick Berlack Israels LLP  
One Financial Center  
18<sup>th</sup> Floor  
Boston MA 02111

E/is

Shipley Company, L.L.C.

By:

Darryl P. Frickey

Assistant Secretary and Director of Patents  
Shipley Company, L.L.C.

Dated: January 27, 2003



RECEIVED

FEB 19 2003  
Title

TECHNOLOGY CENTER 2800

## APPENDIX A

Serial NumberFiling Date

Optical Connector System

10/054,575

November 13, 2001

Optical Device Package for  
Flip-Chip Mounting

10/013,084

December 10, 2001

Optical Device Package for  
Flip-Chip Mounting

10/218,104

August 12, 2002

Structure for Aligning Chips  
in Stacked Arrangement

10/013,773

December 13, 2001

Structure for Aligning Chips  
in Stacked Arrangement

10/218,105

August 12, 2002

Structure for Aligning Chips  
in Stacked Arrangement

10/015,271

December 13, 2001

Optical Switch Assembly with  
Flex Plate and Method for Making

10/022,726

December 20, 2001

Method and Device for Passively  
Locating a Fiber Stub in a Groove

10/071,871

February 8, 2002

Method for Making Optical Devices  
With a Moving Mask and Optical  
Devices Made Thereby

10/081,995

February 21, 2002

Combined Wet and Dry Etching  
Process for Micromachining of  
Crystalline Materials

10/071,261

February 7, 2002

Tapered Optical Fiber for Coupling  
To Diffused Optical Waveguides

10/113,817

March 28, 2002

Wet and Dry Etching Process on  
<110> Silicon and Resulting  
Structures

10/124,612

April 17, 2002

Single Mask Lithographic  
Process for Patterning Multiple  
Types of Surface Features

09/519,165

March 6, 2000

<u>Title</u>	<u>Serial Number</u>	<u>Filing Date</u>
Solder Pads and Method of Making a Solder Pad	10/126,491	April 19, 2002
Venting Optical Microbench	10/135,192	April 29, 2002
V-Groove with Tapered Depth And Method for Making	10/067,218	February 7, 2002
Optoelectronic Submount Having an On-Edge Optoelectronic Device	10/066,299	January 31, 2002
Micromachined Structures Made by Combined Wet and Dry Etching	10/076,858	February 14, 2002
Inductive Magnetic Recording Head Having Inclined Magnetic Read/Write Pole and Method of Making Same	09/560,418	April 27, 2000
Optical Assembly for Coupling with Integrated Optical Devices and Method For Making	09/987,766	November 15, 2001
Optical Device Package	09/966,973	September 28, 2001
Submount Having Transmission Line and Method for Forming	09/987,139	November 13, 2001
Optical Fiber Attached to a Substrate	10/126,938	April 19, 2002
Optical Fiber with Collimated Output Having Low Back Reflection	10/041,517	October 18, 2001
Optical Device Package Having a Configured Frame	09/990,509	November 21, 2001
Optical Bench with Alignment Subassembly	09/988,055	November 16, 2001
Two-Dimensional Optical Fiber Array Made from Etched Sticks Having Notches	09/615,101	July 13, 2000

<u>Title</u>	<u>Serial Number</u>	<u>Filing Date</u>
Optical Fiber Array for Preventing Flow of Glue Between Fibers and Waveguide	09/713,117	November 15, 2000
Optoelectronic Packages Having Insulation Layers	09/824,205	April 3, 2001
Methods and Devices for Coupling Optoelectronics Packages	09/827,183	April 6, 2001
Open Face Optical Fiber Array For Coupling to Integrated Optic Waveguides and Optoelectronic Submounts	09/614,155	July 11, 2000
Fiber Optic Array Switch	09/833,282	April 12, 2001
Optoelectronic Device-Optical Fiber Connection having Micromachined Pit for Passive Alignment of the Optoelectronic Device	10/192,752	July 10, 2002
Wafer Level Packaging for Optoelectronic Devices	09/999,517	October 24, 2001
Single-Piece Alignment Frame For Optical Fiber Arrays	09/825,990	April 5, 2001
Single-Piece Alignment Frame For Optical Fiber Arrays	10/208,090	July 30, 2002
Fiber Array with V-Groove Chip And Mount	10/037,971	October 24, 2001
Microchip Having Grayscale and Micromachined Features and Single Mask Process for Patterning Same	09/999,332	October 26, 2001
Multi-Level Lithography Masks	09/853,250	May 9, 2001
Embedded Waveguide with Alignment Grooves and Method for Making Same	09/978,804	October 15, 2001

**Title**

**Serial Number**

**Filing Date**

Variable Width Waveguide for Mode-  
Matching and Method for Making

09/983,984

October 26, 2001

#1176909 - 23091/5